

1 What is Claimed is:

2 1. An electrical circuit, comprising:
3 functional circuitry for performing normal operating functions of the
4 electrical circuit;
5 an output buffer coupled to said functional circuitry for receiving output
6 signals from said functional circuitry and driving said output signals out of the
7 electrical circuit to an external destination;
8 a test data path for providing test data;
9 memory circuitry coupled to said test data path for storing test data
10 received from said test data path; and
11 a latching circuit connected to said memory circuitry for receiving and
12 selectively latching test data stored in said memory circuitry, said latching
 circuit including said output buffer.